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U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 1341.1030/JDH

First Named Inventor or Application Identifier:

Ryota AKIYAMA, et al.

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. Fee Transmittal Form
2. Specification, Claims & Abstract [Total Pages: 37]
3. Drawing(s) (35 USC 113) [Total Sheets: 6]
4. Oath or Declaration [Total Pages: 4]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. Incorporation by Reference (usable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & document(s))
9. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney
10. English Translation Document (if applicable)
11. Information Disclosure Statement (IDS)/PTO-1449[X] Copies of IDS Citations
12. Preliminary Amendment
13. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
14. Small Entity Statement(s) Statement filed in prior application, status still proper and desired.
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

[] Continuation [] Divisional [] Continuation-in-part (CIP) of prior application No: _____ / _____

18. CORRESPONDENCE ADDRESS

STAAS & HALSEY
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 Washington, DC 20001

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09/24/99
PRO

NEW APPLICATION FEE TRANSMITTAL		Attorney Docket No.	1341.1030/JDH
		Application Number	Unassigned
		Filing Date	September 24, 1999
AMOUNT ENCLOSED	\$ 1,790.00	First Named Inventor	Ryota AKIYAMA, et al.

FEE CALCULATION (fees effective 10/01/97)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS	23 - 20 =	3	X \$ 18.00 =	\$ 54.00
	INDEPENDENT CLAIMS	15 - 3 =	12	X \$ 78.00 =	936.00
	MULTIPLE DEPENDENT CLAIMS (any number; if applicable)			+ \$270.00 =	0.00
				BASIC FILING FEE	+ 760.00
				Total of above Calculations =	\$ 1,750.00
	Surcharge for late filing fee, Statement or Power of Attorney (\$130.00)			+ 0.00	
	Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28).			- 0.00	
				TOTAL FILING FEE =	\$ 1,750.00
	Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d))			+ 0.00	
	Recordation of Assignment (\$40.00; 37 CFR 1.21(h)(1))			+ 40.00	
				TOTAL FEES DUE =	\$ 1,790.00

METHOD OF PAYMENT

Check enclosed as payment.
 Charge "TOTAL FEES DUE" to the Deposit Account No., below.
 No payment is enclosed and no charges to the Deposit Account are authorized at this time.

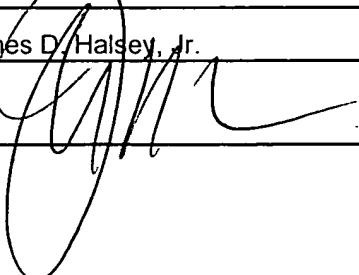
GENERAL AUTHORIZATION

If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:

Deposit Account No.	19-3935
Deposit Account Name	STAAS & HALSEY

The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC § 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(b)) to maintain pendency hereof or of any such related application.

SUBMITTED BY: STAAS & HALSEY

Typed Name	James D. Halsey, Jr.	Reg. No.	22,729
Signature		Date	September 24, 1999